

Product datasheet for **TP505381**

Tpte2 (BC016580) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 (cDNA clone MGC:27763 IMAGE:2655857),, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR205381 representing BC016580
Red=Cloning site **Green**=Tags(s)

MALLERADVTGCSPDRPAPAGDVTWVCHDLETVEVTWGSQPDHHSANLSLEFRYGTGALQPCPRYFLSG
AGVTSGCILPAARAGLLELALRDGGGAMVFKARQRASAWLKPRPPWNVTLLWTPDGDVTVSWPAHSYLGL
DYEYVQHRESNDDAWQTTSGPCCDLTVGGLDPCYDFRVRASPRAAHYGLEAQSEWTAVTRLGAAS
AASCTASPAPSPALAPLLPLGCGLAALLTSLLLAALRLRRVKDALLPCVPDPSPSGSFPGLFEKHHGNFQ
AWIADAQATAPPARTEEEDDLIHPKAKRVEPEDGTSLSLCTVPRPPSFEPGRPGGGAMVSVGGATFMVGDGSG
YMTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 52.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Locus ID: 57914

UniProt ID: [Q8CII9](#)



[View online >](#)

RefSeq Size: 1425

Cytogenetics: 5 F

RefSeq ORF: 1062

Synonyms: CRLM2; Ly114; Tpte2; Tslpr

Summary: Receptor for thymic stromal lymphopoietin (TSLP). Forms a functional complex with TSLP and IL7R which is capable of stimulating cell proliferation through activation of STAT3 and STAT5. Also activates JAK2. Implicated in the development of the hematopoietic system.
[UniProtKB/Swiss-Prot Function]